

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (currently amended) A method comprising:

entering a plurality of numeric values in a plurality of number fields, wherein the plurality of number fields are displayed in columnar format on a display screen in a first column, wherein the numeric values comprise ~~at least one~~ a mathematical formula, and wherein the mathematical formula includes a subtotal function;

entering a set of one or more mathematical operators in one or more operation fields, wherein the operation fields are displayed in columnar format on the display screen alongside the plurality of number fields in the first column, wherein the first column comprises a first column label, wherein the first column label substantially spans at least a combined width of the plurality of number fields and the one or more operation fields; and

automatically calculating a first result of the mathematical formula, wherein the automatically calculating the first result of the mathematical formula comprises automatically calculating a subtotal of a plurality of the numeric values in a plurality of number fields preceding the number field in which the mathematical formula was entered;

automatically calculating a second result by applying the mathematical operators to the first result and the numeric values other than the ~~at least one~~ mathematical formula; and

displaying the second result on the display screen.

2. (canceled)

3. (original) The method of claim 1, further comprising:

displaying the first result on the display screen in the number field in which the mathematical formula was entered.

4. (currently amended) The method of claim ~~[[3]]~~ 1,
wherein the displaying the second result on the display screen comprises displaying the second result in the first column ~~a same column as the plurality of numeric values.~~
5. (currently amended) The method of claim 1,
wherein the automatically calculating the subtotal comprises automatically applying the mathematical operators in the operation fields preceding the number field in which the mathematical formula was entered to the numeric values in the number fields preceding the number field in which the mathematical formula was entered.
6. (currently amended) The method of claim 1,
~~wherein the number fields and the operation fields are displayed in adjacent columns which share a first single column label.~~
wherein the first column label is displayed atop the first column.
7. (original) The method of claim 1, further comprising:
entering a first character string which is associated with one of the numeric values; and
displaying the first character string in a comment field adjacent to the numeric value.
8. (original) The method of claim 1,
wherein the entering the numeric values comprises:
entering a first numeric value in a number field in an upper line;
automatically shifting an entry point to a number field in a lower line; and
entering a next numeric value in the number field in the lower line.
9. (original) The method of claim 1, further comprising:

determining a first set of output character strings based on the numeric values;
and

displaying the first set of output character strings in the number fields.

10. (original) The method of claim 1, further comprising:
displaying the mathematical formula and the first result of the mathematical formula in one of the number fields.

11. (currently amended) The method of claim ~~[[10]]~~ 1, further comprising:
entering an equality character after entering the mathematical formula; and
~~wherein the displaying the first result of the mathematical formula comprises~~
automatically displaying the first result in response to ~~after~~ the entering the equality character.

12. (currently amended) The method of claim 1,
~~wherein the plurality of number fields are displayed in at least a first column and~~
~~a second column on the display screen; and~~
~~wherein the method further comprises:~~
~~automatically calculating a third result based on the numeric values in the number~~
~~fields in the second column; and~~
~~displaying the third result on the display screen.~~
wherein the first column label is displayed atop the first column;
wherein a first field label is displayed atop the plurality of number fields and
below the first column label; and
wherein a second field label is displayed atop the one or more operation fields,
alongside the first field label, and below the first column label.

13. (currently amended) A system comprising:
a CPU;
a display screen coupled to the CPU;

a memory coupled to the CPU, wherein the memory stores program instructions which are executable by the CPU to:

receive into the memory a plurality of numeric values in a plurality of number fields, wherein the plurality of number fields are displayed in columnar format on the display screen in a first column, wherein the numeric values comprise ~~at least one~~ a mathematical formula, and wherein the mathematical formula includes a subtotal function;

receive into the memory a set of one or more mathematical operators in one or more operation fields, wherein the operation fields are displayed in columnar format on the display screen alongside the plurality of number fields in the first column, wherein the first column comprises a first column label, wherein the first column label substantially spans at least a combined width of the plurality of number fields and the one or more operation fields; and

automatically calculate a first result of the mathematical formula, wherein the automatically calculating the first result of the mathematical formula comprises automatically calculating a subtotal of a plurality of the numeric values in a plurality of number fields preceding the number field in which the mathematical formula was entered;

automatically calculate a second result by applying the mathematical operators to the first result and the numeric values other than the ~~at least one~~ mathematical formula; and

display the second result on the display screen.

14. (canceled)

15. (original) The system of claim 13, wherein the program instructions are further executable by the CPU to:

display the first result on the display screen in the number field in which the mathematical formula was entered.

16. (currently amended) The system of claim ~~[[15]]~~ 13,

wherein [[the]] displaying the second result on the display screen comprises displaying the second result in the first column ~~a same column as the plurality of numeric values.~~

17. (currently amended) The system of claim 13,

wherein [[the]] automatically calculating the subtotal comprises automatically applying the mathematical operators in the operation fields preceding the number field in which the mathematical formula was entered to the numeric values in the number fields preceding the number field in which the mathematical formula was entered.

18. (currently amended) The system of claim 13,

~~wherein the number fields and the operation fields are displayed in adjacent columns which share a first single column label.~~

wherein the first column label is displayed atop the first column.

19. (original) The system of claim 13, wherein the program instructions are further executable by the CPU to:

receive into the memory a first character string which is associated with one of the numeric values; and

display the first character string in a comment field adjacent to the numeric value.

20. (original) The system of claim 13,

wherein in the receiving into the memory the numeric values, the program instructions are further executable by the CPU to:

receive into the memory a first numeric value in a number field in an upper line;

automatically shift an entry point to a number field in a lower line; and

receive into the memory a next numeric value in the number field in the lower line.

21. (original) The system of claim 13, wherein the program instructions are further executable by the CPU to:

determine a first set of output character strings based on the numeric values; and
display the first set of output character strings in the number fields.

22. (original) The system of claim 13, wherein the program instructions are further executable by the CPU to:

display the mathematical formula and the first result of the mathematical formula in one of the number fields.

23. (currently amended) The system of claim ~~[[22]]~~ 13, wherein the program instructions are further executable by the CPU to:

receive into the memory an equality character after ~~[[the]]~~ receiving into the memory the mathematical formula; and

~~wherein the displaying the first result of the mathematical formula comprises~~
displaying automatically display the first result in response to ~~after the~~ receiving into the memory the equality character.

24. (currently amended) The system of claim 13,

~~wherein the plurality of number fields are displayed in at least a first column and a second column on the display screen; and~~

~~wherein the program instructions are further executable by the CPU to:~~

~~automatically calculate a third result based on the numeric values in the number fields in the second column; and~~

~~display the third result on the display screen.~~

wherein the first column label is displayed atop the first column;

wherein a first field label is displayed atop the plurality of number fields and below the first column label; and

wherein a second field label is displayed atop the one or more operation fields, alongside the first field label, and below the first column label.

25. (currently amended) A carrier medium comprising program instructions, wherein the program instructions are executable by a computer to implement:

receiving into a memory a plurality of numeric values in a plurality of number fields, wherein the plurality of number fields are displayed in columnar format on a display screen in a first column, wherein the numeric values comprise ~~at least one~~ a mathematical formula, and wherein the mathematical formula includes a subtotal function;

receiving into the memory a set of one or more mathematical operators in one or more operation fields, wherein the operation fields are displayed in columnar format on the display screen alongside the plurality of number fields in the first column, wherein the first column comprises a first column label, wherein the first column label substantially spans at least a combined width of the plurality of number fields and the one or more operation fields; and

automatically calculating a first result of the mathematical formula, wherein the automatically calculating the first result of the mathematical formula comprises automatically calculating a subtotal of a plurality of the numeric values in a plurality of number fields preceding the number field in which the mathematical formula was entered;

automatically calculating a second result by applying the mathematical operators to the first result and the numeric values other than the ~~at least one~~ mathematical formula; and

displaying the second result on the display screen.

26. (canceled)

27. (original) The carrier medium of claim 25, wherein the program instructions are further executable by the computer to implement:

displaying the first result on the display screen in the number field in which the mathematical formula was entered.

28. (currently amended) The carrier medium of claim ~~[[27]]~~ 25,

wherein the displaying the second result on the display screen comprises displaying the second result in the first column ~~a same column as the plurality of numeric values.~~

29. (currently amended) The carrier medium of claim 25,

wherein the automatically calculating the subtotal comprises automatically applying the mathematical operators in the operation fields preceding the number field in which the mathematical formula was entered to the numeric values in the number fields preceding the number field in which the mathematical formula was entered.

30. (currently amended) The carrier medium of claim 25,

~~wherein the number fields and the operation fields are displayed in adjacent columns which share a first single column label.~~

wherein the first column label is displayed atop the first column.

31. (original) The carrier medium of claim 25, wherein the program instructions are further executable by the computer to implement:

receiving into the memory a first character string which is associated with one of the numeric values; and

displaying the first character string in a comment field adjacent to the numeric value.

32. (original) The carrier medium of claim 25,

wherein the receiving into the memory the numeric values comprises:

receiving into the memory a first numeric value in a number field in an upper line;

automatically shifting an entry point to a number field in a lower line; and

receiving into the memory a next numeric value in the number field in the lower line.

33. (original) The carrier medium of claim 25, wherein the program instructions are further executable by the computer to implement:

determining a first set of output character strings based on the numeric values;

and

displaying the first set of output character strings in the number fields.

34. (original) The carrier medium of claim 25, wherein the program instructions are further executable by the computer to implement:

displaying the mathematical formula and the first result of the mathematical formula in one of the number fields.

35. (currently amended) The carrier medium of claim ~~[[34]]~~ 25, wherein the program instructions are further executable by the computer to implement:

receiving into the memory an equality character after the receiving into the memory the mathematical formula; and

~~wherein the displaying the first result of the mathematical formula comprises~~
automatically displaying the first result in response to after the receiving into the memory
the equality character.

36. (currently amended) The carrier medium of claim 25,

~~wherein the plurality of number fields are displayed in at least a first column and a second column on the display screen; and~~

~~wherein the method further comprises:~~

~~automatically calculating a third result based on the numeric values in the number fields in the second column; and~~

~~displaying the third result on the display screen.~~

wherein the first column label is displayed atop the first column;

wherein a first field label is displayed atop the plurality of number fields and below the first column label; and

wherein a second field label is displayed atop the one or more operation fields, alongside the first field label, and below the first column label.